



**RCA  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 15  
AGENDA DATE: Thu 01/27/2005  
PAGE: 1 of 2**

**SUBJECT:** Approve an ordinance amending City Code Section 12-4-63 to extend the existing school zone on Furness Drive for Hart Elementary School and to add Sahara Avenue from Emerald Forest Drive to Cougar Drive to the list of streets having a maximum speed limit of 20 miles per hour during certain times for Odom Elementary School; and amending Section 12-4-42 of the City Code to add Anderson Mill Road from North U.S. Highway 183 Service Road Northbound to Pond Springs Road to the list of streets having a maximum speed limit of 40 miles per hour.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount of \$2,300 is available in the Fiscal Year 2004-2005 Approved Operating Budget of the Public Works Department for the installation of the necessary signs/flashers.

**FISCAL NOTE:** There is no unanticipated fiscal impact. A fiscal note is not required.

**REQUESTING** Public Works  
**DEPARTMENT:**

**DIRECTOR'S**  
**AUTHORIZATION:** Sondra Creighton

**FOR MORE INFORMATION CONTACT:** Samileh Mozafari, 974-7010; Richard Kroger, 974-7219; Laura Bohl, 974-7064

**PRIOR COUNCIL ACTION:** N/A

**BOARD AND COMMISSION ACTION:** N/A

**PURCHASING:** N/A

**MBE / WBE:** N/A

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The Transportation Division of the Public Works Department has completed an investigation on Furness Drive in the vicinity of Hart Elementary School. As a result of this investigation, the Transportation Division recommends extending the existing school zone an additional 191 feet to the south on Furness Drive to enhance the safety of students.

Amendment to Code Section 12-4-63 (20 MPH School Zone)

Amend the subsection on Furness Drive to extend the school zone from 250 feet north of Loralinda Drive to 320 feet north of Rutherford Lane (Hart Elementary School).

In order to modify or alter the existing prima facie speed limit of a street, the Texas Traffic Laws require that a traffic engineering investigation be performed. The investigation was conducted by the Public Works Department in accordance with the procedures specified in the Texas Procedures for Establishing Speed Zones, 1997. The study was initiated in order to establish the speed limit on Anderson Mill Road between U.S. Highway 183 Service Road Northbound and Pond Springs Road due to roadway improvements and annexation into the City of Austin. As a result of this investigation, the Transportation Division recommends the following.



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PAGE: 2 of 2**

**Amendments to Code Section 12-4-42 (40 MPH Speed Limit)**

**Add: Anderson Mill Road from U.S. Highway 183 Service Road NB to Pond Springs Road.**

In order to modify or alter the existing speed limit of a street, the Texas Traffic Laws require that a traffic engineering investigation be performed. The Transportation Division of the Public Works Department has completed an investigation on Sahara Avenue in the vicinity of Odom Elementary School. Traffic volumes, traffic speeds, and pedestrian volumes and patterns were evaluated in order to determine what, if any modifications could be made to improve the safety of the students attending Odom Elementary School. As a result of this investigation, the Transportation Division recommends installing a school zone on Sahara Avenue.

**Amendment to Code Section 12-4-63 (20 MPH School Zone):**

**Add: Sahara Avenue from Emerald Forest Drive to Cougar Drive (Odom Elementary School)**

**ORDINANCE NO.**

**AN ORDINANCE AMENDING SECTION 12-4-42 OF THE CITY CODE TO ADD ANDERSON MILL ROAD FROM NORTH U.S. HIGHWAY 183 SERVICE ROAD NORTHBOUND TO POND SPRINGS ROAD TO THE LIST OF STREETS HAVING A MAXIMUM SPEED LIMIT OF 40 MILES PER HOUR; AND AMENDING SECTION 12-4-63 OF THE CITY CODE TO EXTEND AN EXISTING SCHOOL ZONE ON FURNESS DRIVE AND TO ADD A PORTION OF SARAH A AVENUE TO THE LIST OF STREETS HAVING A MAXIMUM SPEED LIMIT OF 20 MILES PER HOUR DURING CERTAIN TIMES.**

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:**

**PART 1.** Section 12-4-42 (*Maximum Speed Limit of 40 Miles Per Hour*) of the City Code is amended to add:

Anderson Mill Road from North U.S. Highway 183 Service Road (Northbound) to Pond Springs Road.

**PART 2.** Section 12-4-63 (*20 Mile Per Hour School Zones*) of the City Code is amended as follows:

Furness Drive from 250 feet north [~~south~~] of Loralinda Drive to 320 feet north of Rutherford Lane [~~250 feet north of Loralinda Drive~~] (Hart Elementary School).

**PART 3.** Section 12-4-63 (*20 Mile Per Hour School Zones*) of the City Code is amended to add:

Sahara Avenue from Emerald Forest Drive to Cougar Drive (Odom Elementary School).

**PART 4.** The amendments made in this ordinance shall be incorporated in alphabetical order and the existing subsections renumbered accordingly.

**PART 5.** This ordinance takes effect on \_\_\_\_\_, 2005.

**PASSED AND APPROVED**

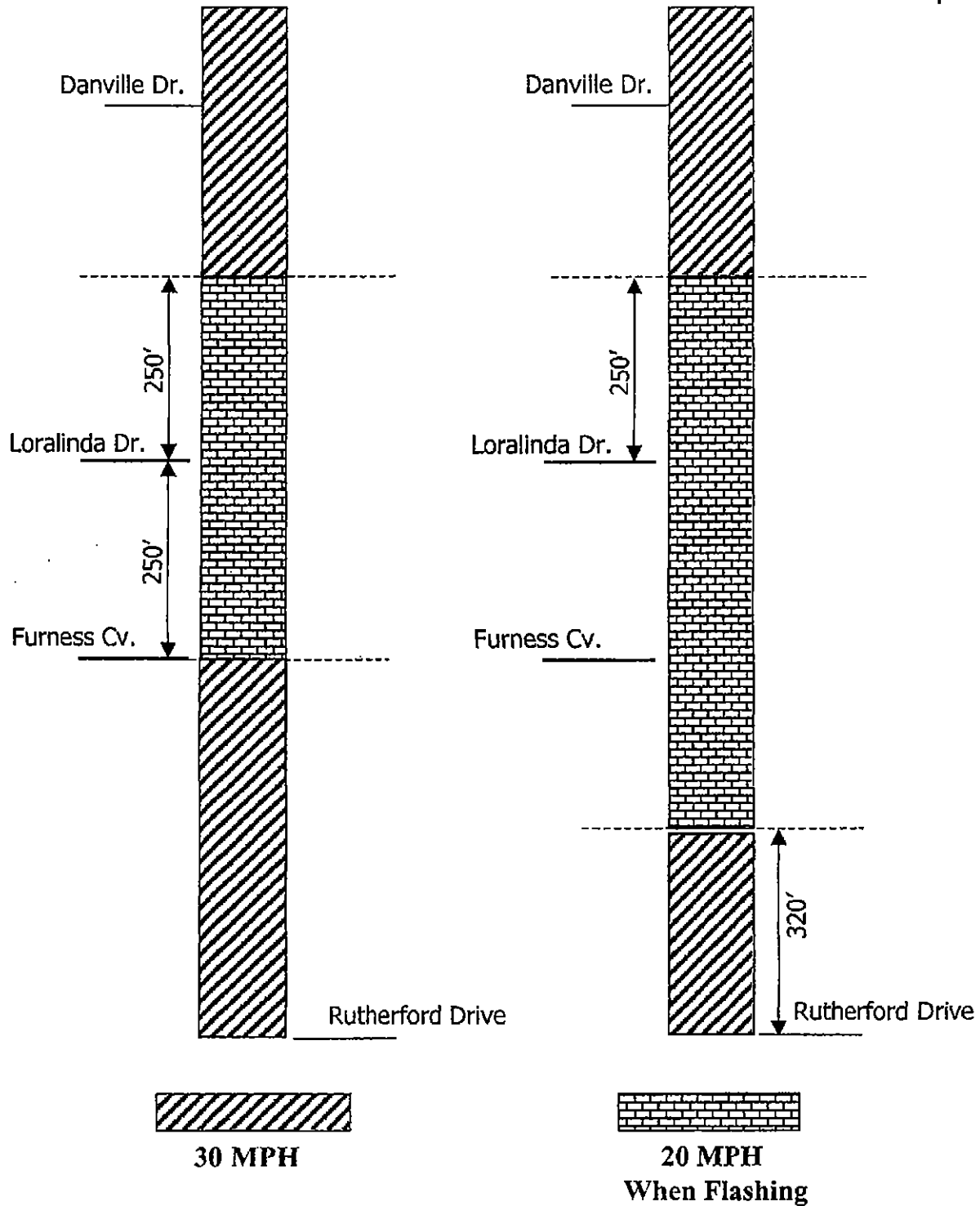
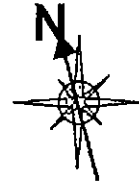
\_\_\_\_\_, 2005      §  
                                 §  
                                 § \_\_\_\_\_  
                                 Will Wynn  
                                 Mayor

**APPROVED:** \_\_\_\_\_  
                         David Allan Smith  
                         City Attorney

**ATTEST:** \_\_\_\_\_  
                         Shirley A. Brown  
                         City Clerk

**Existing**

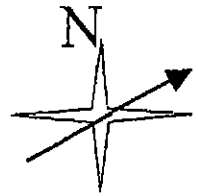
**Proposed**



Public Works Department  
Reduced Speed School Zone Map  
**Furness Drive (Hart Elementary School)**

## EXISTING

## PROPOSED



Sahara Drive

Sahara Drive

Odom Elem.  
School

Odom Elem.  
School

Cougar Drive

Cougar Drive

### SPEED LIMITS

30 MPH  
Prima Facie



20 MPH  
During Certain Times



Public Works Department  
Speed Zone Map  
Sahara Drive ( Odom Elementary School)

## EXISTING

## PROPOSED



Pond Springs Road

Pond Springs Road

Anderson Mill Road

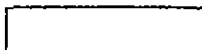
Anderson Mill Road

US HWY 183 Svc Rd NB

US HWY 183 Svc Rd NB

### SPEED LIMITS

Not Posted



40 MPH



Public Works Department  
Speed Zone Map  
Anderson Mill Road



## MEMORANDUM

**To:** Traffic Study Files

**From:** Samileh Mozafari, P.E., North Area Supervisor  
Transportation Division  
Public Works Department

**Date:** 11/8/04

**Subject:** SPEED ZONE INVESTIGATION

**Location:** Anderson Mill Road – U.S. Highway 183 SRNB to Pond Springs Road

Date(s) of Previous Investigation: NONE

A Traffic Engineering Investigation has been conducted by this Division to determine the posted speed limit on Anderson Mill Road from U.S. Highway 183 Service Road Northbound to Pond Springs Road (Figure 1). The following information was collected and analyzed.

**Speed / Volume Data Collected:**

| Block Number | Street Segment                     | Existing Speed Limit | 85% Speed |        | Traffic Volumes        |
|--------------|------------------------------------|----------------------|-----------|--------|------------------------|
|              |                                    |                      | EB        | WB     |                        |
| 9400         | 440 feet west of Pond Springs Rd   | Not Posted           | 45 mph    | 44 mph | 7967 (EB)<br>7634 (WB) |
| 9500         | 475 feet east of U.S. Hwy 183 SRNB | Not Posted           | 45 mph    | 43 mph | 7690 (EB)<br>7686 (WB) |
|              |                                    |                      |           |        |                        |
|              |                                    |                      |           |        |                        |
|              |                                    |                      |           |        |                        |
|              |                                    |                      |           |        |                        |
|              |                                    |                      |           |        |                        |
|              |                                    |                      |           |        |                        |

**NOTE:** Current speed limit to the east of the study area is 40 mph.  
Current speed limit to the west of the study area is 40 mph.



Investigation prepared by:

  
Engineering Technician C

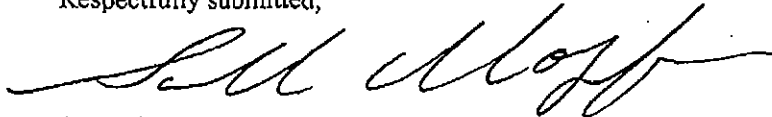
11/8/2004  
Date

General Comments:

Anderson Mill Road between U.S. Highway 183 SRNB and Pond Springs Road has recently been upgraded to a 5 lane cross section with a two-way left turn lane.

Based on the analysis of this information, it is my engineering judgment that the speed limit on Anderson Mill Road from U.S. Highway 183 Service Road NB to Pond Springs Road should be 40 miles per hour.

Respectfully submitted,



Samileh Mozafari, P.E., North Area Supervisor  
Transportation Division

**PUBLIC WORKS DEPARTMENT**

Council Action:

Date Approved: \_\_\_\_\_

Ordinance #: \_\_\_\_\_

Date memo sent to APD: \_\_\_\_\_

|  |            |  |
|--|------------|--|
| Comments   |            |  |
| Roadside Development   | Commercial |  |
| Accidents<br>(attach summary if >5)  | ①          |  |
| Advisory Speeds<br>(see attached ball bank form)   | None       |  |
| Recommended Speed Zones  | 40 MPH     |  |
| <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>Toward</p> <div style="border: 1px solid black; padding: 5px; width: 100px;">U.S. 183 SRNB</div> <div style="border: 1px solid black; padding: 5px; width: 100px;">Anderson Mill Road</div> <p>Roadway</p> </div> <div style="text-align: center;"> <p>U.S. 183 SRNB</p> <div style="border: 1px solid black; padding: 5px; width: 100px;">43<br/>60-64<br/>7686</div> </div> <div style="text-align: center;"> <p>1520'</p> <div style="border: 1px solid black; padding: 5px; width: 100px;">44<br/>65-69<br/>7634</div> </div> </div> |            |  |
| <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>Toward</p> <div style="border: 1px solid black; padding: 5px; width: 100px;">Pond Springs Road</div> <p>Roadway</p> </div> <div style="text-align: center;"> <p>U.S. 183 SRNB</p> <div style="border: 1px solid black; padding: 5px; width: 100px;">45<br/>65-69<br/>7690</div> </div> <div style="text-align: center;"> <p>Pond Springs Road</p> <div style="border: 1px solid black; padding: 5px; width: 100px;">45<br/>65-69<br/>7967</div> </div> </div>  |            |  |
| Recommended Speed Zones  | 40 MPH     |  |
| Advisory Speeds<br>(see attached ball bank form)   | None       |  |
| Accidents<br>(attach summary if >5)  |            |  |
| Roadside Development   | Commercial |  |
| Comments   |            |  |

### SPEED ZONE MAP

- xx

 85th Percentile Speed
 

xx

 Top Speed Measured
 

xxx

 Number of Vehicles Checked

Mid Block Accident
 

+

 Intersection Accident
  Match Line

Scale 1" = 200'

Anderson Mill Road